

A b s t r a c t

To detect a defect or failure of a compressed air load circuit in a compressed air system for vehicles, the pressure is measured in the compressed air load circuits (26 to 38) and evaluated in an electronic control unit (84), which briefly shuts off the compressed air load circuits, measures the pressure values and/or determines the pressure gradients during the shutoff time and compares the pressure values and/or the determined pressure gradients with a respective threshold value, identifies defective circuits and definitively shuts off circuits detected as defective if the results are below the threshold value.